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amrPATENT  
Docket No.: LMPY-4910

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2828

Examiner: Delma R. Florez Ruiz

Serial No.: 09/512,417

Filed: February 24, 2000

In re Application of: Klaus Vogler

Title: ENERGY MONITOR FOR F2 MOLECULAR FLUORINE LASER AND  
METHOD OF ENERGY STABILIZATIONCertificate of Facsimile

I hereby certify that this correspondence is being faxed to Technology Center 2800 of the United States Patent and Trademark Office, facsimile no. 1703 872-9318 and addressed to Director of Patents, Washington, D.C. 20231 on June 26, 2002, Signed Gerry Ubau  
Gerry Ubau

AMENDMENT

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Director of Patents  
Box Amendment  
Washington, D.C. 20231

JUN 26 2002

TECHNOLOGY CENTER 2800

Dear Sir,

In reply to the Office Action mailed June 19, 2002, please amend the above-identified application as follows:

## 3. The laser system of claim 1, further comprising:

a laser tube for containing the gain medium, wherein the gain medium is gaseous;  
a gas control system connected to the laser tube for adding and withdrawing gas to the gain medium; and

a controller for controlling the gas control system, wherein the controller modifies the gas added to and withdrawn from the gain medium in the laser tube by the gas control system in response to the optical parameter measured by said photo diamond detector.

## 4. The laser system of claim 2, further comprising:

a laser tube for containing the gain medium, wherein the gain medium is gaseous;  
a gas control system connected to the laser tube for adding and withdrawing gas to the gain medium; and